

ABSTRACT

An apparatus for heating water is provided having a water receptacle including a bottom wall and side walls for containing a volume of water therein to be heated. The bottom wall of the receptacle has an exterior surface and an interior surface proximate the volume of water to be heated. The water is heated by a heater contained within the water receptacle and secured to the interior surface of the bottom wall of the receptacle by a securement pin which extends through the bottom wall and is threadably engaged with the heater. The heater is elevated from the interior surface of the water receptacle by a collar of high insulation material which is received within a peripheral groove portion of the heater such that the tightening of the securement pin compresses the rubber collar to create a seal between the heater and the bottom wall of the water receptacle. In addition, the elevating collar serves as a barrier between the heater and the bottom wall such that the heater is not in direct contact with the water receptacle wherein in the event of overheating, the heater does not melt or burn the water receptacle,